Index of Claims

| Application No. | Applicant(s)             |  |  |  |  |  |  |  |  |  |  |
|-----------------|--------------------------|--|--|--|--|--|--|--|--|--|--|
| 10/033,127      | SCHONBERGER,<br>WOLFGANG |  |  |  |  |  |  |  |  |  |  |
| Examin r        | Art Unit                 |  |  |  |  |  |  |  |  |  |  |
| Leo T. Hinze    | 2854                     |  |  |  |  |  |  |  |  |  |  |

√ Rejected= Allowed

- (Through numeral)
Cancelled

+ Restricted

N Non-Elected

I Interference

A Appeal
O Objected

| Cla      | aim      |                |  |            |          | Date               | e        |          |          |   |                | Cla         | aim      | Г               |          |                    | Dat    | е               |                    |         | ]:::[  | CI           | aim        |            |          |         | Date      | В            |                 |          |          |
|----------|----------|----------------|--|------------|----------|--------------------|----------|----------|----------|---|----------------|-------------|----------|-----------------|----------|--------------------|--------|-----------------|--------------------|---------|--------|--------------|------------|------------|----------|---------|-----------|--------------|-----------------|----------|----------|
|          | <u> </u> | 5/12/04        |  |            |          |                    |          |          |          |   |                | _           | a        |                 |          |                    |        | П               |                    |         |        | _            | <u>a</u>   |            |          |         |           |              | - [             |          |          |
| Final    | Original | 7              |  |            | }        |                    |          |          |          |   |                | Final       | Original |                 |          | -                  |        |                 |                    |         |        | Final        | Original   |            |          |         |           |              |                 |          |          |
| 证        | ö        | 1              |  |            |          |                    |          |          |          |   |                | Œ           | Ö        |                 |          |                    |        | 1               |                    |         |        | Ŀ            | ō          |            |          | ł       |           |              |                 |          |          |
|          |          | N.             | -  | _          | ├        | ├                  | Н        | _        | Ш        |   |                |             |          | $\vdash$        | +        | _                  | +-     | $\vdash$        | +                  | -       |        |              |            |            |          | +-      | ├         | Н            | $\dashv$        | $\dashv$ |          |
|          | 2        | -              | H  | -          | ⊢        | ⊢                  | Н        | H        | Н        | _   |                | _           | 51<br>52 | $\vdash$        | $\dashv$ |                    | +-     | -               |                    |         |        |              | 101<br>102 | $\dashv$   | +        | ╁       | ┢         | Н            | $\dashv$        | -        |          |
|          | 3        | J              | -  | -          | -        | ┢                  | H        | -        | $\vdash$ |   |                | <del></del> | 53       | H               | +        | +                  | +-     | $\vdash$        | $\dashv$           | +       | ł      |              | 103        |            | -        | +       | -         | Н            | $\dashv$        | $\dashv$ | -        |
|          | 4        | V              | ⊢  | -          | ┢        | ├                  | Н        | $\vdash$ | Н        |   |                |             | 54       | $\vdash \vdash$ | $\dashv$ | +                  | +      | $\vdash$        | $\dashv$           |         | 1      |              | 103        | $\dashv$   | +        | ╁       | ╁         | Н            | $\dashv$        | $\dashv$ | -        |
|          | -8-      | 7              | ┢  |            | ╁        | -                  | Н        | $\vdash$ | Н        |   |                |             | 55       | $\vdash$        | $\dashv$ | +                  | +      | $\vdash$        |                    | +       |        |              | 105        | $\dashv$   | _        | ╁       | $\vdash$  | Н            | -               | $\dashv$ | $\neg$   |
| <u> </u> | 6-       | Ë              |  | _          | t        | 1                  | H        | $\vdash$ | Н        |   |                | _           | 56       |                 | ╅        | $\dashv$           | +      | H               | $\dashv$           | $\top$  |        |              | 106        | $\neg$     |          | ✝       | 十一        | H            | $\dashv$        | 一        |          |
|          | 7        | /              | _  | _          | $\vdash$ | ┢                  | П        | _        | П        | _   |                |             | 57       | $\Box$          | 十        | +                  | $\top$ | f               |                    |         |        |              | 107        |            |          | T       | T         | П            | $\neg$          | ヿ        |          |
|          | 8        | ~              | _  | Г          | Т        | T                  | П        |          | П        |   |                |             | 58       |                 | T        | $\top$             |        |                 | $\neg$             | $\top$  |        |              | 108        |            | T        |         | T         |              |                 |          |          |
|          | 9        | 1              |  |            |          |                    |          |          | П        |   |                |             | 59       | П               |          |                    | T      |                 |                    |         |        |              | 109        |            |          |         |           |              |                 |          |          |
|          | 10       | 1              |  |            |          |                    |          |          |          |   |                |             | 60       |                 |          |                    |        |                 |                    |         |        |              | 110        |            |          |         |           |              |                 |          |          |
|          | -11-     |                | -  |            |          |                    |          |          |          |   |                |             | 61       |                 |          |                    |        |                 |                    |         |        |              | 111        |            |          |         | L         | Ш            | $\perp$         |          | ᆜ        |
|          | 12       | /              |  |            | $\Box$   | $oxedsymbol{oxed}$ | Ш        |          |          |   |                |             | 62       | Ц               | $\perp$  |                    |        | $\sqcup$        | $\perp \downarrow$ | $\perp$ |        |              | 112        | $\Box$     | _        | ╄       | 1         | Щ            | ļ               | _        | _        |
|          | 13       | <u> </u>       | _  |            | _        | ╙                  | $\sqcup$ | لطا      | Ш        |   |                |             | 63       | _               | _        | _                  | $\bot$ | $\sqcup$        |                    | -       |        |              | 113        | $\square$  | _        | _       | $\vdash$  | Щ            |                 |          | _        |
|          | 14       | <u> </u>       | ┞  | _          | 1        | <b> </b> _         | $\vdash$ | L_       | Ш        |   |                | <u> </u>    | 64       | $\sqcup$        | 4        | +                  | 4      | $\vdash$        | $\dashv$           | +       |        |              | 114        | dash       |          | +       | 1-        | $\vdash$     |                 | _        | $\dashv$ |
|          | 15       | -              | _  |            | 1_       | -                  | -        |          | Н        | _   |                | <b> </b>    | 65       | $\vdash \vdash$ | $\dashv$ | - -                | +      | $\vdash$        | -                  |         |        |              | 115        | Н          | +        | +       | $\vdash$  | Н            | $\dashv$        | -        | $\dashv$ |
| <u> </u> | 16       | -              | <u> </u>   | -          | ╀        | ₩                  | Н        | 1        | $\vdash$ | -   |                | ļ           | 66       | $\vdash$        | -        | +                  | +      | $\vdash$        | $\dashv$           |         |        |              | 116        |            |          | ╁       | $\vdash$  | H            | -               |          |          |
| <u> </u> | 17       | <del>  -</del> |  | $\vdash$   | ╀        | $\vdash$           | $\vdash$ |          | $\vdash$ | _   |                | <u> </u>    | 67<br>68 | $\vdash$        | +        | +                  | +      | $\vdash$        |                    |         | 1      |              | 117<br>118 |            | +        | +       | ╁         | H            | -+              | $\dashv$ | $\dashv$ |
| <u> </u> | 18<br>19 | ⊢              | <del> </del>                                     |            | ╀        | $\vdash$           | $\vdash$ | ⊢        | H        |   |                |             | 69       | $\vdash$        | +        | +                  | ╁      | ╌┤              | $\dashv$           |         |        |              | 119        |            | +        | +       | ╁         |              | ᅱ               | $\dashv$ | $\dashv$ |
| <u> </u> | 20       | ┝              | ├  | ├          | ┢        | ⊢                  | -        | H        | $\vdash$ |   |                |             | 70       | $\vdash$        | +        | +                  | ╁┈     | H               | $\dashv$           | +       | 1      |              | 120        |            | $\dashv$ | ╁       | ╁         | Н            | $\dashv$        | $\dashv$ | $\dashv$ |
| <u> </u> | 21       | -              | Н  | $\vdash$   | +        | ╁                  | $\vdash$ | ┢        | $\vdash$ |   |                |             | 71       |                 | +        | ┿                  | +-     | H               | +                  | +       | 1::::  |              | 121        | H          | -        | ╁╌      | ╁         |              | $\dashv$        |          | $\dashv$ |
| <u> </u> | 22       | $\vdash$       |  | ┢          | ╁        | ╁                  | $\vdash$ | ┢        | $\vdash$ | -   |                | <u> </u>    | 72       |                 | +        | +                  | +      | H               | $\dashv$           |         | t      |              | 122        | Н          | _        | +       | +         |              | $\neg$          | 7        | $\dashv$ |
|          | 23       | $\vdash$       |  | ┢          | +        | $\vdash$           | $\vdash$ | $\vdash$ | $\vdash$ |   |                |             | 73       | $\Box$          | $\dashv$ |                    | +      | Н               | $\dashv$           |         | 1::::  |              | 123        | Н          |          | †       | $\vdash$  | $\vdash$     | 寸               | ᅥ        | ヿ        |
|          | 24       | -              | _  | $\vdash$   | +-       | $\vdash$           | $\vdash$ | -        |          | $\vdash$  |                |             | 74       |                 | 十        |                    | +      |                 |                    | _       | 1      |              | 124        | П          |          | 1       | T         |              |                 |          | $\neg$   |
| $\vdash$ | 25       | ┪              |  | <b>†</b> " | T        |                    | _        | Г        | $\Box$   |   |                |             | 75       | П               | $\neg$   | 7                  |        |                 |                    |         |        |              | 125        |            |          |         | Τ         |              | $\neg$          |          | $\Box$   |
|          | 26       |                |  | Г          | $\top$   |                    | П        | Г        | П        |   |                |             | 76       |                 | T        |                    |        |                 |                    |         |        |              | 126        |            |          |         |           |              |                 |          |          |
|          | 27       | Т              |  | Г          | Т        | Π                  |          |          |          |   |                |             | 77       |                 |          |                    |        | $\Box$          |                    |         | ]      |              | 127        |            |          |         |           |              |                 |          |          |
|          | 28       |                |  |            | Π        |                    |          |          |          |   |                |             | 78       |                 |          |                    |        |                 |                    |         |        |              | 128        |            |          |         |           |              |                 |          |          |
|          | 29       |                |  |            |          |                    |          |          |          | _   |                |             | 79       | Ш               | $\perp$  | $\perp$            | _      | Ш               |                    |         | J      |              | 129        |            |          | 1_      | 1_        | L            |                 | _        |          |
|          | 30       |                |  | <u> </u>   | 上        | _                  | $\perp$  | _        |          | L   |                |             | 80       | $\sqcup$        | _        | $\bot$             | _      | $\sqcup$        | _                  | $\perp$ |        |              | 130        |            |          | $\perp$ | _         | _            | _               |          |          |
|          | 31       | ᆫ              | L  | <u> </u>   | <u> </u> | <u> </u>           | <u> </u> | _        | 1_       | <u> </u>  |                |             | 81       | $\sqcup$        | 4        | _                  | +      |                 | _                  | +       | 4      |              | 131        | Н          |          | 4       | ╄         | $\vdash$     |                 |          | _        |
|          | 32       |                | ┞  | <u> </u>   | 1_       | <del> </del> _     | <b> </b> | -        | ₩        | <u> </u>  |                | <u> </u>    | 82       | $\vdash$        | -        | +                  | -      | -               | $\dashv$           |         | -      |              | 132        | Н          |          | +-      | ╀         | $\vdash$     | $\dashv$        | -        | -        |
| <u> </u> | 33       | ┼—             | ├  | ├_         | ┼        | ╀                  | ┼        |          | +-       | <u> </u>  |                |             | 83       | $\vdash$        | +        | +                  | +-     | ⊢⊦              | -                  |         | ł      |              | 133<br>134 | $\vdash$   | -        | +       | ╀         | -            |                 |          | $\dashv$ |
| <u> </u> | 34<br>35 | ╁              | ⊢  | $\vdash$   | +        | +                  | ╁        | ├        | $\vdash$ | $\vdash$  | ł              | <b></b>     | 84<br>85 | Н               | +        | +                  | +      | $\vdash \vdash$ | +                  | +       | 1      |              | 135        | Н          | +        | +       | ╁         | -            | $\dashv$        |          | $\dashv$ |
| <b>—</b> | 36       | 1              | $\vdash$   | $\vdash$   | +        | +-                 | +-       | -        | $\vdash$ | ⊢   | H              | <u> </u>    | 86       | $\vdash$        | $\dashv$ | +                  | +      | $\vdash$        | $\dashv$           | +       | 1:::   |              | 136        | Н          | -        | 1       | +         |              | $\vdash$        | $\dashv$ | $\dashv$ |
| $\vdash$ | 37       | $\vdash$       | 1  | ┼          | +        | +                  | $\vdash$ | $\vdash$ | $\vdash$ | -   |                |             | 87       | $\vdash$        | $\dashv$ | +                  | +      | ╁┤              | $\dashv$           | +       | 1:::   |              | 137        | Н          | -        | +       | 1         | Η-           | $\vdash$        | -        | -        |
| $\vdash$ | 38       | +              | $t^-$  | $\vdash$   | +        | 1-                 | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$  |                | <del></del> | 88       | $\vdash$        | $\dashv$ | $\dashv$           | +      | $\vdash$        | $\dashv$           | +       | 1      |              | 138        | Н          | $\vdash$ | +       | +         | <u> </u>     | $\dashv$        | 一        | _        |
| <u> </u> | 39       | +-             | <del>                                     </del> | 1          | +        | T                  | $\vdash$ | $\vdash$ | П        | $\vdash$  |                |             | 89       |                 | $\dashv$ | +                  | +      | $\vdash$        | $\dashv$           | $\top$  | 188    | <b></b>      | 139        | Н          | -        | $\top$  | $\dagger$ | T            | $\Box$          | _        |          |
|          | 40       | T              | T  | 1          | 1        | T                  | $\vdash$ | Т        | T        |   |                |             | 90       | H               | 寸        | $\top$             | 1      | П               | $\dashv$           | $\top$  | 1      |              | 140        | П          |          | $\top$  | 1         | Т            |                 | 一        |          |
|          | 41       | T              | T  |            | 1        | 1                  |          |          | Π        | l   |                |             | 91       | П               | $\neg$   | 十                  | T      |                 | $\Box$ †           |         | ]::::  |              | 141        |            |          | $\perp$ |           |              |                 |          |          |
|          | 42       |                |  |            | I        | L                  | $L^-$    |          |          |   |                |             | 92       |                 |          |                    | Ι      |                 |                    |         | ]      |              | 142        |            |          |         |           |              |                 |          |          |
|          | 43       |                |  |            |          |                    |          |          |          |   |                |             | 93       |                 |          |                    |        | $\Box$          | $\Box$             |         |        |              | 143        |            |          |         |           |              |                 |          |          |
|          | 44       |                | 匚  |            |          |                    |          |          |          |   |                |             | 94       | Ш               |          | $oxed{\Box}$       |        | $\sqcup$        | $\bot$             |         | Į      |              | 144        |            |          |         |           |              | Ш               | _        |          |
|          | 45       | $\perp$        | L  | Ĺ          | $\perp$  |                    | _        | L        | 1        | L   |                |             | 95       | Ш               | $\perp$  | _                  | 1      | $\sqcup$        | $\Box$             | $\perp$ |        |              | 145        | Ш          | 1        | 1_      | <u> </u>  |              | Щ               | _        |          |
| <u></u>  | 46       | 1              | 1  | <u> </u>   | 1        | 4_                 | _        | <u> </u> | 1        | _   |                |             | 96       | $\sqcup$        | _        | _                  | $\bot$ | ┦               | _                  |         | 4:::   | <u> </u>     | 146        | lacksquare |          | +       | ↓_        | <u> </u>     | $\sqcup$        | _        | _        |
|          | 47       | <del> </del> _ | ₩  | ـ          | ╀-       |                    | <b> </b> | <u> </u> | -        | _   | liii           |             | 97       | $\sqcup$        | _        |                    | 4      | $\sqcup$        | _                  |         |        | <u> </u>     | 147        | <u> </u>   |          | +-      | 1         | <u> </u>     | $\vdash \vdash$ |          |          |
| -        | 48       | +-             | <b>├</b> -                                       | ⊢          | ╀        | ╁-                 | ╄        | ├        | ╁        | <del> </del>  |                | <b></b>     | 98       | $\vdash$        | +        |                    | +-     | +-              | +                  |         | -      | <u> </u>     | 148        | $\vdash$   |          | +       | ╀         | ₩            | $\vdash$        |          |          |
|          | 49       | ₩              | $\vdash$   | -          | +-       | +                  | +        | $\vdash$ | $\vdash$ | ⊢   | {:::           |             | 99       | ┥               | -+       |                    | +-     | ╀┤              | $\dashv$           | +       | -      | <del> </del> | 149        | $\vdash$   | $\vdash$ | +       | +         | <del> </del> | $\vdash \vdash$ | -        |          |
|          | 50       |                |  | <u>L</u>   | 丄        |                    |          |          |          | $oldsymbol{ol}}}}}}}}}}}}}}}}}$ | <b>]</b> :-:-: |             | 100      | $\perp \perp$   |          | $oldsymbol{\perp}$ |        | Ш               |                    | L_      | ]:-:-: | <u> </u>     | 150        | ட          |          |         | 丄         |              | ᆜ               |          |          |